A COMPACT AND SUSTAINABLE URBAN ECOLOGY

ENVIRONMENTAL FOOTPRINT

OPEN SPACE

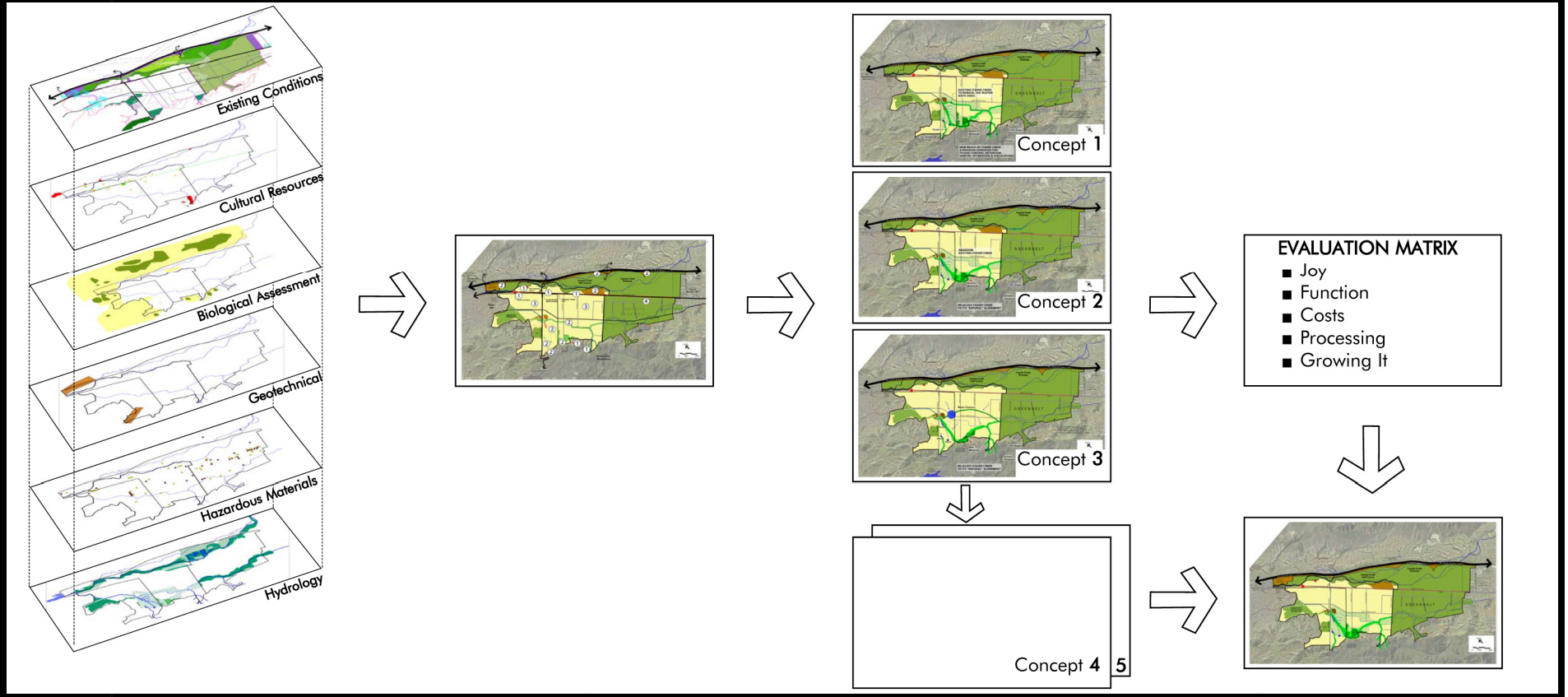
COMMUNITY PARKS AND RECREATION

SUSTAINABLE BUILDING


ENVIRONMENTAL FOOTPRINT

ENVIRONMENTAL FOOTPRINT

Process Diagram



Environmental Research

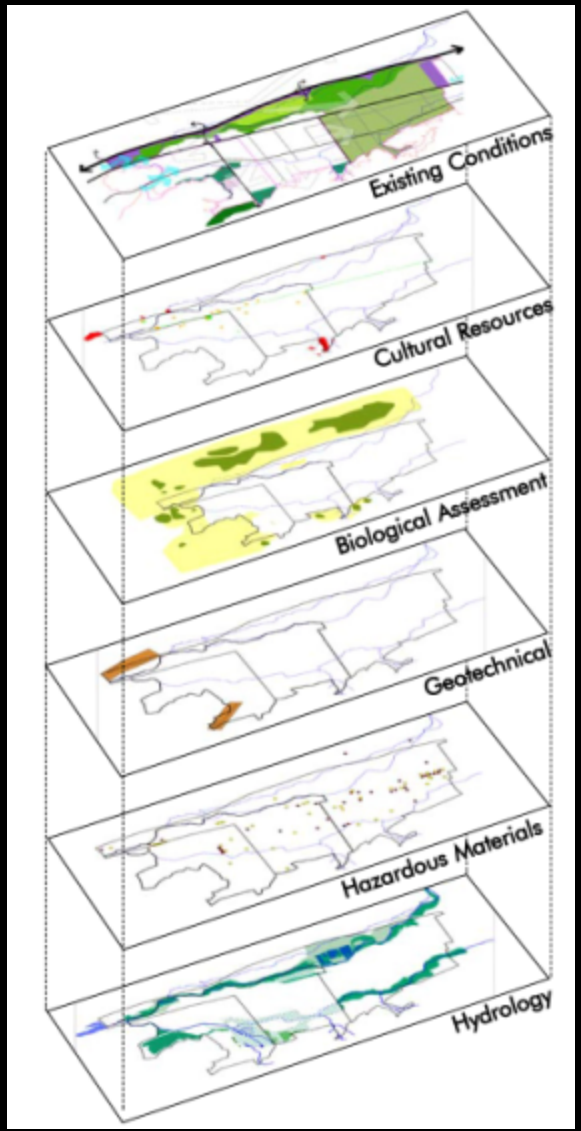
Environmental Footprint
(Fixed Components)

Approaches
(Hydrological Concepts)

Preferred Environmental Footprint

ENVIRONMENTAL FOOTPRINT

Group 1 Environmental Research: Summary



CATEGORY	1	2	3	COMMENTS
EXISTING CONDITIONS				
Greenbelt	●			
Coyote Creek Parkway	●			
CULTURAL RESOURCES				
Prehistoric	●			
Historic/Architectural	●	●	●	Hamlet of Coyote, J.Ramelli Ranch Complex, Tom Sugishita House
Arboricultural	●	●	●	Keesling Shade Trees, Valley Oaks
BIOLOGICAL				
Tiger Salamander	●			
Butterfly Habitats			●	Site Periphery
Burrowing Owl Habitats		●		
GEOTECHNICAL			●	
HAZARDOUS MATERIALS			●	
HYDROLOGY				
Creeks	●	●		No change to Coyote Creek. Fisher Creek can be enhanced
Flood Plains	●	●	●	
Wetlands		●		
Rivers and Streams		●		
Ponds	●	●		

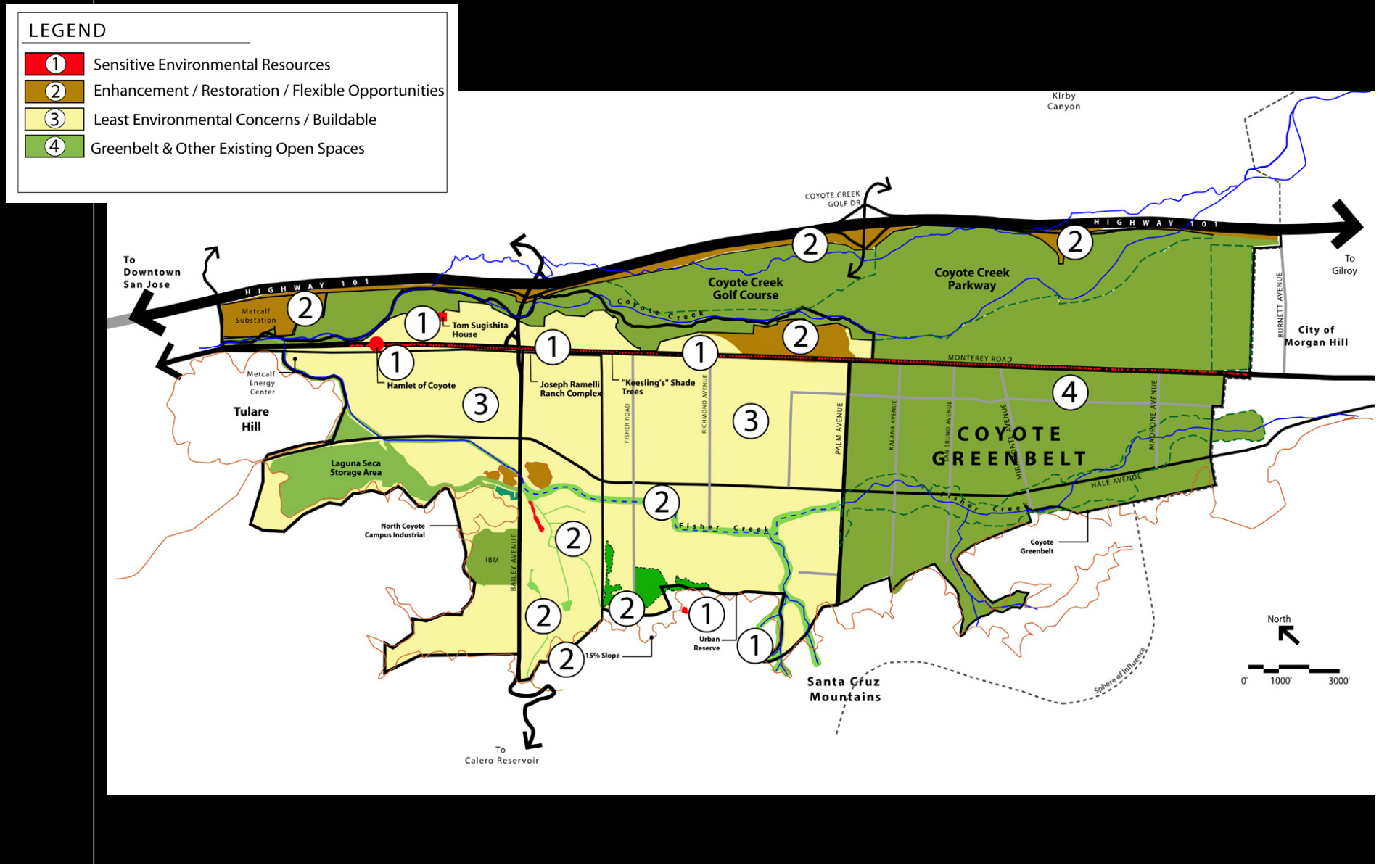
1 ● Sensitive Environmental Resources

2 ● Enhancement Opportunities

3 ● Not a Significant Impediment to Planning/Buildable Area

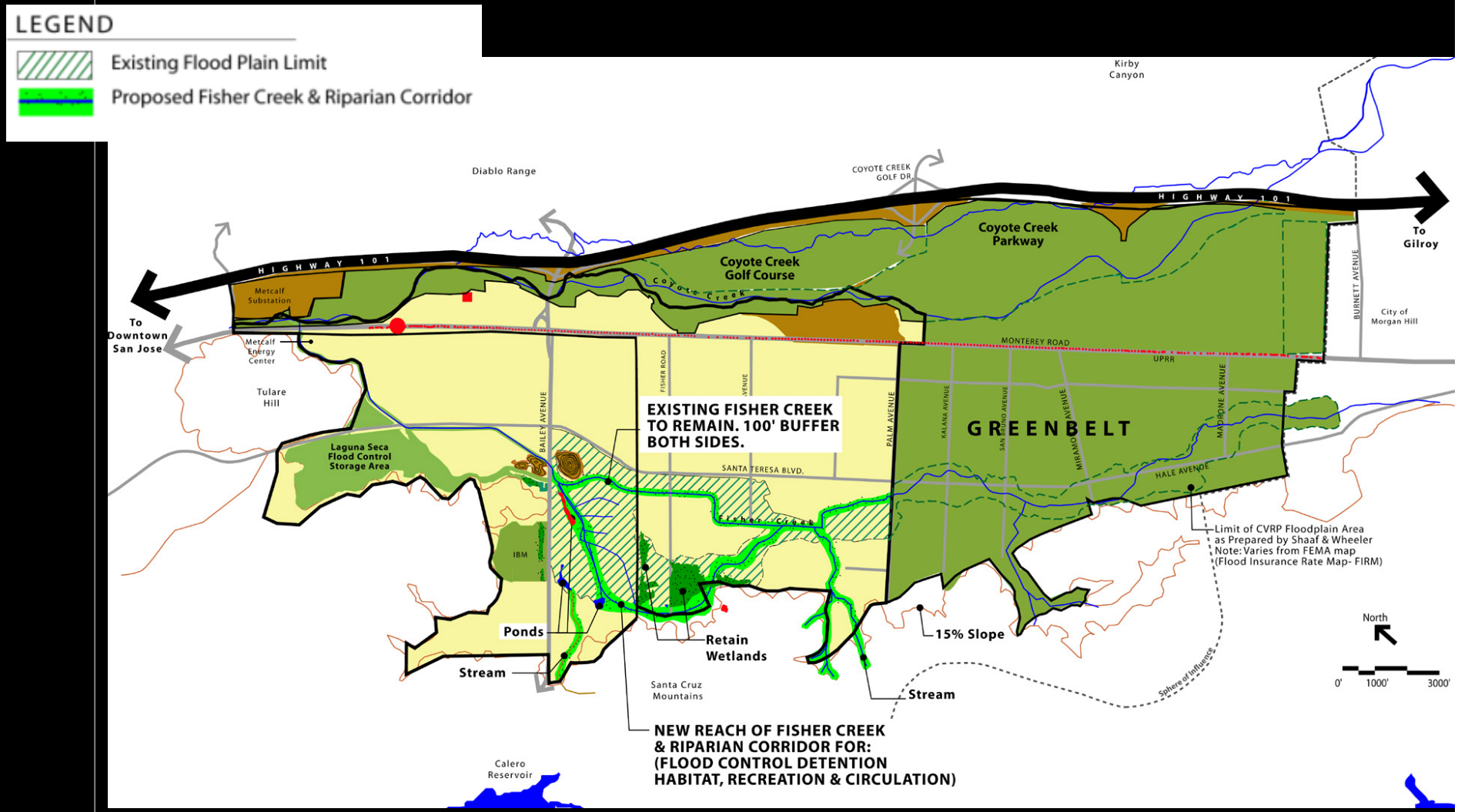
ENVIRONMENTAL FOOTPRINT

Composite Plan



ENVIRONMENTAL FOOTPRINT

Hydrology Alternative 1: Floodway Improvement



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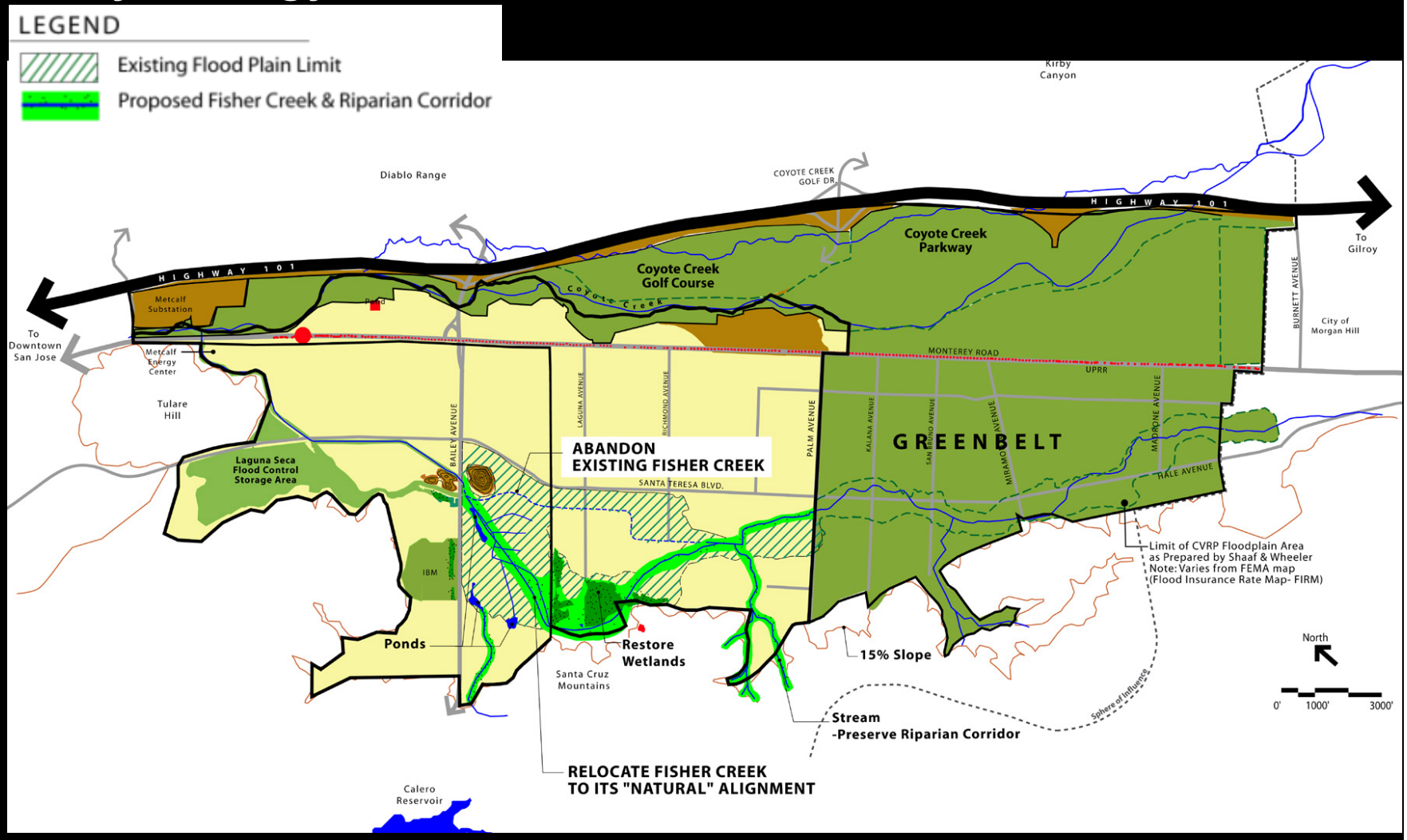
Hydrology Alternative 2: Restoration



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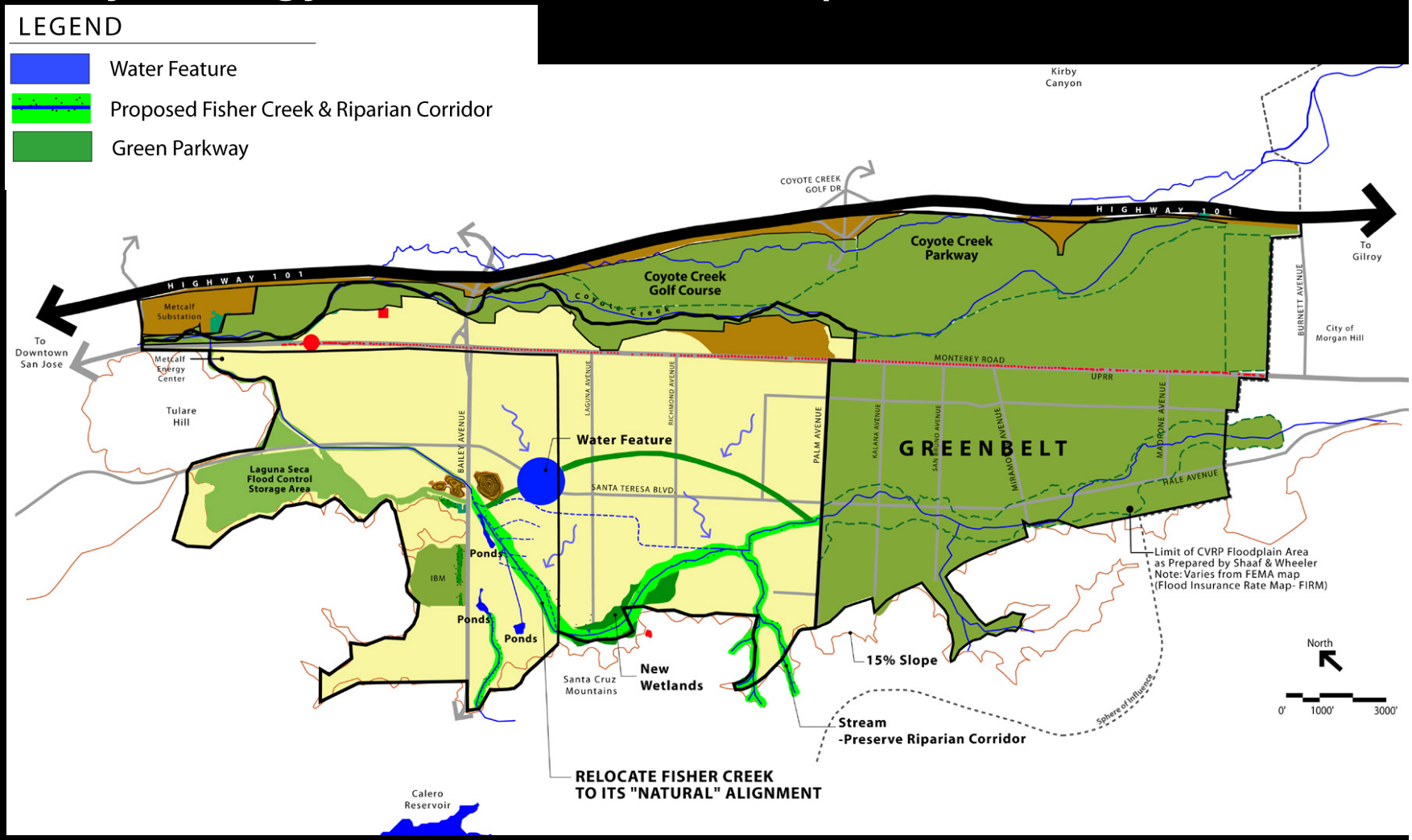
Hydrology Alternative 3: Dispersed



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Hydrology Alternatives - Summary

1: Floodway Improvement

- Retain existing Fisher Creek alignment and provide additional setbacks
- Introduce a second reach of Fisher Creek for flood control and habitat enhancement

2: Restoration

- Fisher Creek realigned to its “natural location”
- Enhance wetlands, flood control, habitat and recreational opportunities

3: Dispersed

- Fisher Creek realigned to its “natural location”
- Provide water feature and greenways for detention, bio-filtration and recreation

COMPACT AND SUSTAINABLE URBAN ECOLOGY

Sustainable Building Practices

greenbuild

LEED
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

45 Points Achieved

Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platin

6 Sustainable Sites Possible Points: 14

Y	Prereq 1	**Erosion & Sedimentation Control**	
	Credit 1	**Site Selection**	1
	Credit 2	**Urban Redevelopment**	1
	Credit 3	**Brownfield Redevelopment**	1
1	Credit 4.1	**Alternative Transportation**, Public Transportation Access	1
		ternative Transportation, Bicycle Storage & Changing Rooms	1
		ternative Transportation, Alternative Fuel Refueling Stations	1

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COYOTE VALLEY COMMUNITY WORKSHOP